

**ABSTRACT****Colour calibration of emissive display devices**

5           A calibration method for calibrating a fixed format emissive display  
device having a plurality of pixels is described. In the display each pixel  
comprises at least three sub-pixels for emitting light of different real primary  
colours. The method comprises determining, for each real primary colour  
separately, a virtual target primary colour which can be reached by at least  
10   80% of the pixels of the display, determining a colour gamut defined by the  
determined virtual target primary colours, and adjusting the drive currents to  
the sub-pixels to achieve a colour inside the determined colour gamut. A  
display having an extended range of colours is described, i.e. a gamut of  
colours that is more than the gamut provided by an n virtual primary colour  
15   based electronic multicolour display, as measured on a chromaticity diagram,  
for example. A color and/or brightness uniform image can be produced with  
this fixed format emissive display device.

+ Fig. 3